

# YOUNG LCA RESEARCHERS FOR A SUSTAINABLE AGRIFOOD SYSTEM

Department of Veterinary Sciences, University of Pisa  
Room E, Viale delle Piagge 2, 56124, Pisa (PI)

**June 13th, 2024**

**9:30 – 9:45** Institutional greetings

**09:45 – 10:00 Delving the environmental impact of rice cultivation considering different mitigation solutions** – Luca Ferraro, University of Milan

**10:00 – 10:15 Towards sustainable avocado production: LCA of avocado farming in Valencia** – Andrea Calleja Solera, Polytechnic University of Valencia

**10:15 – 10:30 Life Cycle Assessment of maize cultivation considering different irrigation systems. Preliminary results of the smartWUE project** – Filippo Vigo, University of Milan

**10:30 – 10:45 Comparing the environmental impacts of agroecological and conventional wheat production in Italy** – Javier Rocher, Polytechnic University of Valencia

**10:45 – 11:00 How the application of smart apps can reduce the environmental impact of grape cultivation. First years of results from the SmartDEFENSE project** – Francesco Giacobelli, University of Milan

**11:00 – 11:15** Coffee break

**11:15 – 11:30 Assessing the biodiversity footprint of the soybean supply chains between Brazil and the European Union** – Nelson K. Siniterra-Solís, Polytechnic University of Valencia

**11:30 – 11:45 Improving Rainbow Trout (*Oncorhynchus mykiss*) environmental footprint through insect meal use in aquafeed** – Michele Zoli, University of Milan

**11:45 – 12:00 Environmental impacts of protein extraction from *Alphitobius diaperinus*** – Alejandro Corona Mariscal, Polytechnic University of Valencia

**12:15 – 12:30 Impact assessment of *Hermetia illucens* products and by-products valorisation** – Lorenzo Rossi, University of Milan

**12:30 – 12:45 Environmental impact of dairy sheep sector in Tuscany** – Irene Sodi, University of Pisa

**12:45 – 13:00** Conclusions

